

GENERAL SERVICES ADMINISTRATION

Federal Acquisition Service *Authorized Federal Supply Schedule Price List*

On-line access to contract ordering information, terms and conditions, up-to-date pricing, and the option to create an electronic delivery order is available through **GSA Advantage!**TM, a menu-driven database system. The INTERNET address for **GSA Advantage!**TM is: **<http://www.GSAAdvantage.gov>**.

Schedule for - Professional Engineering Services (PES)

Federal Supply Group: 871 **Class:** R425

Contract Number: GS-10F-0184Y

For more information on ordering from Federal Supply Schedules
click on the FSS Schedules button at <http://www.gsa.gov/schedules-ordering>

Contract Period: February 3, 2012 through February 2, 2017

Contractor: CFD Research Corporation
215 Wynn Drive
Huntsville, AL 35805 1926

Business Size: Small, Woman Owned Business

Telephone: (256) 726-4884
Extension:
FAX Number: (256) 726-4806
Web Site: www.cfdr.com
E-mail: dap@cfdr.com
Contract Administration: Deborah Phipps

CUSTOMER INFORMATION:

- 1a. Table of Awarded Special Item Number(s) with appropriate cross-reference to page numbers:**

SINs	Disaster Recovery	SIN Description
871-1	871-1RC	Strategic Planning for Technology Programs/Activity
871-2	871-2RC	Concept Development and Requirements Analysis
871-3	871-3RC	System Design, Engineering and Integration
871-4	871-4RC	Test and Evaluation

- 1b. Identification of the lowest priced model number and lowest unit price for that model for each special item number awarded in the contract. This price is the Government price based on a unit of one, exclusive of any quantity/dollar volume, prompt payment, or any other concession affecting price.**

(CUSTOMER INFORMATION: Continued)

Those contracts that have unit prices based on the geographic location of the customer, should show the range of the lowest price, and cite the areas to which the prices apply.

- 1c. If the Contractor is proposing hourly rates a description of all corresponding commercial job titles, experience, functional responsibility and education for those types of employees or subcontractors who will perform services shall be provided. If hourly rates are not applicable, indicate "Not applicable" for this item.
2. **Maximum Order:** \$1,000,000.00
3. **Minimum Order:** \$100.00
4. **Geographic Coverage (delivery Area):** Domestic only
5. **Point(s) of production (city, county, and state or foreign country):** Same as company address
6. **Discount from list prices or statement of net price:** Government net prices (discounts already deducted). See Attachment.
7. **Quantity discounts:** None Offered
8. **Prompt payment terms:** Net 30 days
- 9a. **Notification that Government purchase cards are accepted up to the micro-purchase threshold:** Yes
- 9b. **Notification whether Government purchase cards are accepted or not accepted above the micro-purchase threshold:** Contact Contractor
10. **Foreign items (list items by country of origin):** None
- 11a. **Time of Delivery (Contractor insert number of days):** Specified on the Task Order
- 11b. **Expedited Delivery.** The Contractor will insert the sentence "Items available for expedited delivery are noted in this price list." under this heading. The Contractor may use a symbol of its choosing to highlight items in its price list that have expedited delivery: Contact Contractor
- 11c. **Overnight and 2-day delivery.** The Contractor will indicate whether overnight and 2-day delivery are available. Also, the Contractor will indicate that the schedule customer may contact the Contractor for rates for overnight and 2-day delivery: Contact Contractor
- 11d. **Urgent Requirements.** The Contractor will note in its price list the "Urgent Requirements" clause of its contract and advise agencies that they can also contact the Contractor's representative to effect a faster delivery: Contact Contractor
12. **F.O.B Points(s):** Destination
- 13a. **Ordering Address(es):** Same as Contractor
- 13b. **Ordering procedures:** For supplies and services, the ordering procedures, information on Blanket Purchase Agreements (BPA's), and a sample BPA can be found at the GSA/FSS Schedule homepage (fss.gsa.gov/schedules).

(CUSTOMER INFORMATION: Continued)

- 14. **Payment address(es):** Same as company address
- 15. **Warranty provision.:** Contractor's standard commercial warranty.
- 16. **Export Packing Charges (if applicable):** N/A
- 17. **Terms and conditions of Government purchase card acceptance (any thresholds above the micro-purchase level):** Contact Contractor
- 18. **Terms and conditions of rental, maintenance, and repair (if applicable):** N/A
- 19. **Terms and conditions of installation (if applicable):** N/A
- 20. **Terms and conditions of repair parts indicating date of parts price lists and any discounts from list prices (if applicable):** N/A
- 20a. **Terms and conditions for any other services (if applicable):** N/A
- 21. **List of service and distribution points (if applicable):** N/A
- 22. **List of participating dealers (if applicable):** N/A
- 23. **Preventive maintenance (if applicable):** N/A
- 24a. **Environmental attributes, e.g., recycled content, energy efficiency, and/or reduced pollutants:** N/A
- 24b. **If applicable, indicate that Section 508 compliance information is available on Electronic and Information Technology (EIT) supplies and services and show where full details can be found (e.g. contactor's website or other location.) The EIT standards can be found at:** www.Section508.gov/.
- 25. **Data Universal Numbering System (DUNS) number:** 18-5169620
- 26. **Notification regarding registration in Central Contractor Registration (CCR) database:** Registered

(CUSTOMER INFORMATION: Continued)

Labor Category	Professional Engineering Services (PES)									
	Year 1		Year 2		Year 3		Year 4		Year 5	
	CFD Site	Govt Site	CFD Site	Govt Site	CFD Site	Govt Site	CFD Site	Govt Site	CFD Site	Govt Site
Analyst 1	\$ 68.83	\$ 58.51	\$ 70.89	\$ 60.27	\$ 73.02	\$ 62.07	\$ 75.21	\$ 63.94	\$ 77.47	\$ 65.85
Analyst 2	\$ 94.74	\$ 80.53	\$ 97.58	\$ 82.95	\$ 100.51	\$ 85.43	\$ 103.52	\$ 88.00	\$ 106.63	\$ 90.64
Analyst 3	\$ 117.83	\$ 100.07	\$ 121.36	\$ 103.07	\$ 125.01	\$ 106.16	\$ 128.76	\$ 109.35	\$ 132.62	\$ 112.63
Analyst 4	\$ 143.56	\$ 121.92	\$ 147.87	\$ 125.58	\$ 152.30	\$ 129.34	\$ 156.87	\$ 133.23	\$ 161.58	\$ 137.22
Technician I	\$ 56.64	\$ 48.14	\$ 58.34	\$ 49.58	\$ 60.09	\$ 51.07	\$ 61.89	\$ 52.60	\$ 63.75	\$ 54.18
Technician 2	\$ 63.25	\$ 53.76	\$ 65.15	\$ 55.37	\$ 67.10	\$ 57.03	\$ 69.11	\$ 58.75	\$ 71.19	\$ 60.51
Technician 3	\$ 75.90	\$ 64.52	\$ 78.18	\$ 66.46	\$ 80.52	\$ 68.45	\$ 82.94	\$ 70.50	\$ 85.43	\$ 72.62
Technician 4	\$ 91.08	\$ 77.42	\$ 93.81	\$ 79.74	\$ 96.63	\$ 82.13	\$ 99.53	\$ 84.60	\$ 102.51	\$ 87.14
Engineer 2	\$ 86.49	\$ 73.52	\$ 89.08	\$ 75.73	\$ 91.76	\$ 78.00	\$ 94.51	\$ 80.34	\$ 97.35	\$ 82.75
Engineer 3	\$ 106.25	\$ 90.31	\$ 109.44	\$ 93.02	\$ 112.72	\$ 95.81	\$ 116.10	\$ 98.68	\$ 119.59	\$ 101.64
Engineer 4	\$ 113.63	\$ 96.58	\$ 117.04	\$ 99.48	\$ 120.55	\$ 102.46	\$ 124.17	\$ 105.54	\$ 127.89	\$ 108.70
Engineer 5	\$ 123.51	\$ 104.98	\$ 127.22	\$ 108.13	\$ 131.03	\$ 111.37	\$ 134.96	\$ 114.71	\$ 139.01	\$ 118.16
Engineer 6	\$ 130.00	\$ 110.50	\$ 133.90	\$ 113.82	\$ 137.92	\$ 117.23	\$ 142.05	\$ 120.75	\$ 146.32	\$ 124.37
Engineer 7	\$ 144.84	\$ 123.12	\$ 149.19	\$ 126.81	\$ 153.66	\$ 130.62	\$ 158.27	\$ 134.54	\$ 163.02	\$ 138.57
Engineer 8	\$ 163.39	\$ 138.88	\$ 168.29	\$ 143.05	\$ 173.34	\$ 147.34	\$ 178.54	\$ 151.76	\$ 183.90	\$ 156.31
Engineer 9	\$ 175.49	\$ 149.17	\$ 180.75	\$ 153.65	\$ 186.18	\$ 158.25	\$ 191.76	\$ 163.00	\$ 197.52	\$ 167.89
Engineer 10	\$ 192.28	\$ 163.44	\$ 198.05	\$ 168.34	\$ 203.99	\$ 173.39	\$ 210.11	\$ 178.60	\$ 216.41	\$ 183.95
Subject Matter Expert 1	\$ 205.16	\$ 174.38	\$ 211.31	\$ 179.61	\$ 217.65	\$ 185.00	\$ 224.18	\$ 190.55	\$ 230.91	\$ 196.27
Subject Matter Expert 2	\$ 248.12	\$ 210.91	\$ 255.56	\$ 217.24	\$ 263.23	\$ 223.75	\$ 271.13	\$ 230.47	\$ 279.26	\$ 237.38
Subject Matter Expert 3	\$ 266.07	\$ 226.16	\$ 274.05	\$ 232.94	\$ 282.27	\$ 239.93	\$ 290.74	\$ 247.13	\$ 299.46	\$ 254.55
Manager 1	\$ 179.89	\$ 152.91	\$ 185.29	\$ 157.50	\$ 190.85	\$ 162.22	\$ 196.57	\$ 167.09	\$ 202.47	\$ 172.10
Manager 2	\$ 197.86	\$ 168.18	\$ 203.80	\$ 173.23	\$ 209.91	\$ 178.42	\$ 216.21	\$ 183.77	\$ 222.69	\$ 189.29
Manager 3	\$ 247.91	\$ 210.72	\$ 255.35	\$ 217.04	\$ 263.01	\$ 223.55	\$ 270.90	\$ 230.26	\$ 279.02	\$ 237.17

The rates shown above include the Industrial Funding Fee (IFF) of 0.75% and reflect an escalation rate of 3.0% for the base contract period (contract years 2 through 5) in accordance with EPA Clause I-FSS-969.

Service Contract Act (SCA) Matrix

SCA Matrix		
SCA Eligible Contract Labor Category	SCA Equivalent Code Title	WD Number
Technician 1	30082 - Engineering Technician II	052007
Technician 2	30083 - Engineering Technician III	052007
Technician 3	30084 - Engineering Technician IV	052007
Technician 4	30085 - Engineering Technician V	052007

The Service Contract Act (SCA) is applicable to this contract and it includes SCA applicable labor categories. The prices for the cited SCA labor categories are based on the U.S. Department of Labor Wage Determination Number(s) identified in the SCA matrix and above. The prices offered are based on the preponderance of where work is performed and should the contractor perform in an area with lower SCA rates, resulting in lower wages being paid, the task order prices will be discounted accordingly.

(CUSTOMER INFORMATION: Continued)

CFD Research Corporation Labor Categories with Detailed Position Descriptions

Labor Category: Analyst 1

Principal Duties and Responsibilities: Provides technical analysis or support to programs, projects or tasks and performs a variety of engineering, scientific, or technical analysis. Analytical skills include, but are not limited to: computer science, engineering, physics, mathematics, chemistry, biology, materials science, business (e.g. cost or financial analysis), or information technology (e.g. systems analyst). Specific duties include, but are not limited to: preliminary design, development, integration, or testing of system/subsystem hardware or software; assisting more experienced engineers or analysts in performing analysis, modeling and simulation, or evaluating technology performance; and other duties as assigned. May assist in developing drawings, preparing technical documents and specifications, and constructing special prototypes or engineering models for proof of concept. Works under the supervision of engineers, analysts, managers, and/or research scientists.

Minimum Education and Training: Bachelor's degree from an accredited college or university. Entry level training in the use of analytical tools and techniques.

Experience: An entry-level position, no experience is required.

Substitutions: An Associates' degree in a related field from an accredited college/university or a 2-year vocational training certificate plus and additional 3 years experience may be substituted for the Bachelor's degree.

Labor Category: Analyst 2

Principal Duties and Responsibilities: Provides analysis or support to programs, projects or tasks and performs a variety of engineering, scientific, technical, or business analysis. Analytical skills include, but are not limited to: computer science, engineering, physics, mathematics (e.g. technical analyst); chemistry, biology, materials science (e.g. research analyst); business (e.g. cost or financial analyst), or information technology (e.g. systems analyst). Works under the supervision of engineers, analysts, managers, and/or research scientists. Specific duties of the technical analyst include, but are not limited to: preliminary design, development, integration, or testing of system/subsystem hardware or software; assisting more experienced engineers or analysts in performing systems engineering, analysis, modeling and simulation, or evaluating technology performance; and other duties as assigned. May assist in developing drawings, preparing technical documents and specifications, and constructing special prototypes or engineering models for proof of concept. Specific duties of the research analyst include, but are not limited to: scientific research in one or more technologies; assisting more experienced engineers or analysts in performing analysis, modeling and simulation, or evaluating technology performance; performing literature surveys in a specific research field; coordinating results from one or more engineers or scientists; documenting technical findings in reports and technical papers; and other duties as assigned. Specific duties of the business analyst include, but are not limited to: assisting more experienced analysts in conducting financial analysis; performing project scheduling analysis; preparing project or task budgets and calculating burn-rates; assisting engineers, scientists, or analysts in the preparation of bases of estimates for cost proposals; and other duties as assigned. Specific duties of the systems analyst include, but are not limited to: computer programming, monitoring and maintaining computer and network systems; maintaining internal bulletin boards and external websites; performing systems administration and cyber security; establishing and maintaining firewalls; and other duties as assigned. May also assist other systems analysts, computer scientists, or engineers in developing, verifying, validating, and repairing software programs.

Min. Education and Training: Bachelor's degree from an accredited college or university. Basic training in the use of analytical tools and techniques specific to a particular discipline.

Experience: Four or more years related experience.

(CUSTOMER INFORMATION: Continued)

Substitutions: A Master's Degree for an accredited college or university may substitute for a Bachelor's Degree and 2 years experience (i.e. MA/MS + 2 years total).

Labor Category: Analyst 3

Principal Duties and Responsibilities: Provides analysis or support to programs, projects or tasks and performs a variety of engineering, scientific, technical, or business analysis. Analytical skills include, but are not limited to: computer science, engineering, physics, mathematics (e.g. technical analyst); chemistry, biology, materials science (e.g. research analyst); business (e.g. cost or financial analyst), or information technology (e.g. systems analyst). Works alongside engineers, analysts, managers, and/or research scientists. Specific duties of the technical analyst include, but are not limited to: preliminary design, development, integration, or testing of system/subsystem hardware or software; performing systems engineering, analysis, modeling and simulation, or evaluating technology performance; and other duties as assigned. May develop engineering models or prototypes; perform functional testing; or conduct quality assurance activities. Specific duties of the research analyst include, but are not limited to: scientific research in one or more technologies; performing analysis, modeling and simulation, or evaluating technology performance; performing literature surveys in a specific research field; coordinating results from one or more engineers or scientists; documenting technical findings in reports and technical papers; and other duties as assigned. Specific duties of the business analyst include, but are not limited to: conducting financial analysis; performing project scheduling analysis; performing and planning project-related purchasing; preparing project or task budgets and calculating burn-rates; preparing bases of estimates for cost proposals; and other duties as assigned. Specific duties of the systems analyst include, but are not limited to: computer programming, monitoring and maintaining computer and network systems; maintaining internal bulletin boards and external websites; performing systems administration and cyber security; establishing and maintaining firewalls; and other duties as assigned. May also develop, verify, validate, and repair software programs.

Min. Education and Training: Bachelor's degree from an accredited college or university. Advanced training in the use of analytical tools and techniques specific to a particular discipline.

Experience: Eight or more years related experience.

Substitutions: A Master's Degree for an accredited college or university may substitute for a Bachelor's Degree and 2 years experience (i.e. MA/MS + 6 years total).

Labor Category: Analyst 4

Principal Duties and Responsibilities: Provides analysis or support to programs, projects or tasks and performs a variety of engineering, scientific, technical, or business analysis. Analytical skills include, but are not limited to: computer science, engineering, physics, mathematics (e.g. technical analyst); chemistry, biology, materials science (e.g. research analyst); business (e.g. cost or financial analyst), or information technology (e.g. systems analyst). Works alongside engineers, analysts, managers, and/or research scientists. May also work independently and report to a project or task manager, or corporate director. Specific duties of the technical analyst include, but are not limited to: preliminary or detailed design, development, integration, testing, verification, or production of system/subsystem hardware or software; performing systems engineering, analysis, modeling and simulation, or evaluating technology performance; and other duties as assigned. May develop engineering models or prototypes; perform functional and/or system testing; or conduct quality assurance/mission assurance activities. Specific duties of the research analyst include, but are not limited to: scientific research in one or more technologies; performing analysis, modeling and simulation, or evaluating technology performance; documenting technical findings in reports and technical papers; and other duties as assigned. Specific duties of the business analyst include, but are not limited to: conducting financial analysis; preparing and tracking project or task budgets; performing earned value management analysis; performing and planning project-related purchasing; preparing bases of estimates for cost proposals; performing contract administration; evaluating subcontractor performance; and other duties as assigned.

(CUSTOMER INFORMATION: Continued)

Specific duties of the systems analyst include, but are not limited to: computer programming, monitoring and maintaining computer and network systems; performing systems integration and cyber security; establishing and maintaining firewalls; and other duties as assigned. May also develop, verify, validate, and repair software programs.

Min. Education and Training: Bachelor's degree from an accredited college or university. Advanced training in, and expert knowledge of analytical tools and techniques specific to a particular discipline.

Experience: Twelve or more years related experience.

Substitutions: A Master's Degree for an accredited college or university may substitute for a Bachelor's Degree and 2 years experience (i.e. MA/MS/MBA + 10 years total). A PhD, MD, or JD from an accredited college or university may be substituted for the Bachelor's degree and five years experience (i.e. PhD + 7 years experience meets requirement).

Labor Category: Technician 1 (Abbrev: Tech 1)

Principal Duties and Responsibilities: Constructs, installs, operates, maintains, and/or repairs electrical, electronic, mechanical, hydraulic, or pneumatic equipment in support of engineering research, development, and tests in a laboratory or field location. May also perform equipment calibration, metrology, setup/tear-down, and troubleshooting. May provide CAD/CAM drawing support, or perform logistics, parts inventory, receipt inspection, and/or quality assurance tasks. Works under the supervision of more experienced technicians and/or engineers, scientists, or managers.

Min. Education and Training: High School or GED. Some training in the use of standard laboratory, machining, and/or test equipment, or in computer aided design (CAD) software packages.

Experience: Two or more years related experience.

Substitutions: An Associates' degree from an accredited college or 2-year vocational training certificate may substitute for 2 years experience (i.e. an Associate's degree meets the requirement). A Bachelor's degree from an accredited college or university may be substituted for four years experience (i.e. BA/BS meets the requirement).

Labor Category: Technician 2 (Abbrev: Tech 2)

Principal Duties and Responsibilities: Constructs, installs, operates, maintains, and/or repairs electrical, electronic, mechanical, hydraulic, or pneumatic equipment in support of engineering research, development, and tests in a laboratory or field location. Provides technical expertise relating to the development of prototypes, engineering models, and test equipment. May also perform equipment calibration, metrology, set-up/tear-down, and troubleshooting. May perform CAD/CAM support, data acquisition, logistics, parts inventory, receipt inspection, facility safety, and/or quality assurance tasks. Works under the supervision of more experienced technicians and/or engineers, scientists, or managers.

Min. Education and Training: High School or GED. Basic training in the use of standard laboratory, machining, and test equipment, or in computer aided design (CAD) software packages.

Experience: Five or more years related experience.

Substitutions: An Associates' degree from an accredited college or 2-year vocational training certificate may substitute for 2 years experience (i.e. Assoc. degree plus 3 years total experience). A Bachelor's degree from an accredited college or university may be substituted for four years experience (i.e. BA/BS + 1 years experience meets the requirement).

(CUSTOMER INFORMATION: Continued)

Labor Category: Technician 3 (Abbrev: Tech 3)

Principal Duties and Responsibilities: Constructs, installs, operates, maintains, and/or repairs electrical, electronic, mechanical, hydraulic, or pneumatic equipment in support of engineering research, development, and tests in a laboratory or field location. Provides technical expertise relating to the development of prototypes, engineering models, and test equipment. May also perform equipment calibration, metrology, set-up/tear-down, and troubleshooting. May perform CAD/CAM support, data acquisition, instrumentation, testing, logistics, parts inventory, receipt inspection, facility safety, and/or quality assurance tasks. Works under the supervision of more experienced technicians and/or engineers, scientists, or managers.

Min. Education and Training: High School Diploma or GED. Advanced training in the use of standard laboratory, machining, and test equipment.

Experience: Eight or more years related experience.

Substitutions: An Associates' degree from an accredited college, applicable 2-year vocational certificate from a technical trade school, or military experience may be substituted for 2 years experience (i.e. Assoc. Degree + 6 years). A Bachelor's degree from an accredited college or university may be substituted for four years experience (i.e. BA/BS + 4 years experience meets the requirement).

Labor Category: Technician 4 (Abbrev: Tech 4)

Principal Duties and Responsibilities: A specialist in a technical discipline such as electrical, electronic, mechanical, hydraulic, or pneumatic or other similar technical field, with emphasis on the practical rather than the academic aspects. Provides technical expertise and leadership relating to development, construction, installation, operation, and maintenance of prototypes, models, and test equipment. May also perform and/or supervise other technicians in the conduct of preventive maintenance, corrective maintenance, equipment recertification, data acquisition, logistics, receipt inspection, facility safety, and/or quality assurance tasks. Assists engineers and scientists in the development of test plans; design of test apparatus, test fixtures, and special tooling; development and execution of test facility budgets; development and implementation of test facility plans, certifications, inspection programs, and quality assurance audits. May also serve as the cognizant safety representative or facility manager during test operations and/or production runs. Works under the supervision of engineers, scientists, or managers.

Min. Education and Training: High School Diploma or GED. Advanced training in the use of standard laboratory, machining, and test equipment. Some training in the use of standard word-processing, workflow, CAD, and/or other automation tools.

Experience: Ten or more years related experience.

Substitutions: An Associates' degree from an accredited college, applicable vocational certificate from a technical trade school, or military experience may substitute for 2 years experience (i.e. Assoc. Degree + 8 years total experience). A Bachelor's degree from an accredited college or university may substitute for 4 years experience (i.e. BA/BS + 6 years total experience).

Labor Category: Engineer 2 (Abbrev: Engr 2)

Principal Duties and Responsibilities: Applies knowledge of specific engineering discipline and practices in broad areas of assignment and related fields. Performs standardized or prescribed assignments involving engineering analyses using defined processes. Supports the design, development, and/or implementation of technical solutions.

(CUSTOMER INFORMATION: Continued)

Assists more experienced engineers in the preparation of engineering documentation, including but not limited to: specifications, requirements, technical plans and reports, test plans, interface control documents, CAD drawings, project schedules, and presentations. Works under the supervision of a manager or senior engineer.

Minimum Education and Training: Bachelor of Science (BS) degree in a related field from an accredited college or university. Proficiency in the use of standard word-processing, presentations, spreadsheets, databases, workflow, and/or other office automation tools. Basic training in and understanding of analytical engineering tools.

Experience: Two or more years related experience.

Substitutions: A Master's of Science (MS) degree from an accredited college or university may substitute for the Bachelor's Degree requirement and 2 years experience (i.e. MS + 0 years total experience).

Labor Category: Engineer 3 (Abbrev: Engr 3)

Principal Duties and Responsibilities: Applies knowledge of specific engineering discipline and practices in broad areas of assignment and related fields. Performs standardized or prescribed assignments involving engineering analyses using defined processes. Supports the design, development, and/or implementation of technical solutions. Assists more experienced engineers in the preparation of engineering documentation, including but not limited to: specifications, requirements, technical plans and reports, test plans, interface control documents, safety data packages, CAD drawings, project schedules, and presentations. Works under the supervision of a project engineer, or senior engineer.

Minimum Education and Training: Bachelor of Science degree in a related field from an accredited college or university. Proficiency in the use of standard word-processing, presentations, spreadsheets, databases, workflow, and/or other office automation tools. Basic training in and understanding of analytical engineering tools.

Experience: Four or more years related experience.

Substitutions: A Master's of Science (MS) degree from an accredited college or university may substitute for the Bachelor's Degree requirement and 2 years experience (i.e. MS + 2 years total experience).

Labor Category: Engineer 4 (Abbrev: Engr 4)

Principal Duties and Responsibilities: Independently evaluates, selects, and applies standard engineering techniques and procedures on standard projects and with some guidance on unusual problems. Possesses substantial knowledge in one or more major engineering/analytical disciplines and will plan and lead specific engineering projects and supervise and review the work of a small group of engineers and/or analysts. Provides the design, development, and/or implementation of technical solutions. Assists more experienced engineers in the preparation of engineering documentation, including but not limited to: specifications, requirements, technical plans and reports, test plans, interface control documents, safety data packages, CAD drawings, project schedules, and presentations. Works under the supervision of a senior engineer or principal engineer.

Minimum Education and Training: Bachelor of Science (BS) degree in a related field from an accredited college or university. Proficiency in the use of standard word-processing, presentations, spreadsheets, databases, workflow, and/or other office automation tools. Advanced training in and understanding of analytical engineering tools.

Experience: Six or more years related experience.

Substitutions: A Master of Science (MS) degree from an accredited college or university may substitute for the Bachelor's Degree requirement and 2 years experience (i.e. MS + 4 years experience). A PhD from an accredited college or university may be substituted for the BS degree and five years experience (i.e. PhD + 1 year experience).

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meets both the education and experience requirements). Experience as a research engineer at the graduate level at an accredited college or university may be counted in the years of related experience.

Labor Category: Engineer 5 (Abbrev: Engr 5)

Principal Duties and Responsibilities: Independently evaluates, selects, and applies standard engineering techniques and procedures on standard projects and with some guidance on unusual problems. Possesses substantial knowledge in one or more major engineering/analytical disciplines and will plan and lead specific engineering projects and supervise and review the work of a small group of engineers and/or analysts. Provides the detailed design, development, and/or implementation of technical solutions. May develop conceptual designs and work with more experienced engineers in developing and testing new technologies. Assists more experienced engineers in the preparation of engineering documentation, including but not limited to: specifications, requirements, technical plans and reports, test plans, interface control documents, safety data packages, and technology readiness level assessments. Works under the supervision of a senior engineer or principal engineer.

Minimum Education and Training: Bachelor of Science (BS) degree in a related field from an accredited college or university. Proficiency in the use of standard word-processing, presentations, spreadsheets, databases, workflow, and/or other office automation tools. Advanced training in and understanding of analytical engineering tools, techniques, and methodologies.

Experience: Eight or more years related experience.

Substitutions: A Master of Science (MS) degree from an accredited college or university may be substituted for the BS degree and two years experience (i.e. MS + 6 years experience). A PhD from an accredited college or university may be substituted for the BS degree and five years experience (i.e. PhD + 3 years experience meets requirement). Experience as a research engineer at the graduate level at an accredited college or university may be counted as related experience.

Labor Category: Engineer 6 (Abbrev: Engr 6)

Principal Duties and Responsibilities: Possesses substantial knowledge in one or more major engineering specialty areas and will plan and lead specific engineering projects and supervise and review the work of a small group of engineers and/or analysts. Independently evaluates, selects, and applies standard engineering techniques and procedures on standard projects. Provides the conceptual and/or detailed design, development, implementation, verification, and/or validation of technical solutions. Prepares engineering documentation, including but not limited to: specifications, requirements, technical plans and reports, test plans, interface control documents, safety data packages, technology readiness level assessments, project metrics, and progress reports to management. Interfaces with customers and provides consultation support to multiple projects in area(s) of technical specialty. Works under the supervision of a principal engineer, or manager.

Minimum Education and Training: Bachelor of Science (BS) degree in a related field from an accredited college or university. Proficiency in the use of standard word-processing, presentations, spreadsheets, databases, workflow, and/or other office automation tools. Expert training in and understanding of analytical engineering tools, techniques, and methodologies; and modeling/simulation tools.

Experience: Ten or more years related experience.

Substitutions: A Master of Science (MS) degree from an accredited college or university may be substituted for the BS degree and two years experience (i.e. MS + 8 years experience). A PhD from an accredited college or university may be substituted for the BS degree and five years experience (i.e. PhD + 5 years experience meets requirement). Experience as a research engineer at the graduate level at an accredited college or university may be counted in the years of related experience.

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Labor Category: Engineer 7 (Abbrev: Engr 7)

Principal Duties and Responsibilities: Possesses substantial knowledge in one or more major engineering specialty areas and will plan and lead specific engineering projects and supervise and review the work of a small group of engineers and/or analysts. Independently evaluates, selects, and applies standard engineering techniques and procedures on standard projects. Provides the conceptual and/or detailed design, development, implementation, verification, and/or validation of technical solutions. Prepares engineering documentation, including but not limited to: specifications, requirements, technical plans and reports, test plans, interface control documents, safety data packages, technology readiness level assessments, project metrics, and progress reports to management. Interfaces with customers and provides consultation support to multiple projects in area(s) of technical specialty. Works under the supervision of a principal engineer, or manager.

Minimum Education and Training: Bachelor of Science (BS) degree in a related field from an accredited college or university. Proficiency in the use of standard word-processing, presentations, spreadsheets, databases, workflow, and/or other office automation tools. Expert training in and understanding of analytical engineering tools, techniques, and methodologies; and modeling/simulation tools.

Experience: Twelve or more years related experience.

Substitutions: A Master of Science (MS) degree from an accredited college or university may be substituted for the BS degree and two years experience (i.e. MS + 10 years experience). A PhD from an accredited college or university may be substituted for the BS degree and five years experience (i.e. PhD + 7 years experience). Experience as a research engineer at the graduate level at an accredited college or university may be counted in the years of related experience.

Labor Category: Engineer 8 (Abbrev: Engr 8)

Principal Duties and Responsibilities: Possesses broad knowledge in one or more major engineering specialty areas, provides leadership planning of major engineering projects, and provides project supervision and training to lower grade engineers and/or analysts. Independently evaluates, selects, and applies standard engineering techniques and procedures on standard projects. Provides the conceptual and/or detailed design, development, implementation, verification, and/or validation of technical solutions. Prepares engineering documentation, including but not limited to: specifications, requirements, technical plans and reports, test plans, interface control documents, safety data packages, technology readiness level assessments, project metrics, and progress reports to management. Interfaces with customers and provides consultation support to multiple projects in area(s) of technical specialty. Works under the supervision of a principal engineer, or manager.

Minimum Education and Training: Bachelor of Science (BS) degree in a related field from an accredited college or university. Proficiency in the use of standard word-processing, presentations, spreadsheets, databases, workflow, and/or other office automation tools. Expert training in and understanding of analytical engineering tools, techniques, and methodologies; and modeling/simulation tools.

Experience: Fifteen or more years related experience.

Substitutions: A Master of Science (MS) degree from an accredited college or university may be substituted for the BS degree and two years experience (i.e. MS + 13 years experience). A PhD from an accredited college or university may be substituted for the BS degree and five years experience (i.e. PhD + 10 years experience meets requirement). Experience as a research engineer at the graduate level at an accredited college or university may be counted as related experience.

(CUSTOMER INFORMATION: Continued)

Labor Category: Engineer 9 (Abbrev: Engr. 9)

Principal Duties and Responsibilities: Possesses broad engineering/analytical experience and knowledge in one or more major engineering specialty areas and provides managerial support to technical managers and other technical employees on specific projects. Provides the conceptual and/or detailed design, development, and/or implementation of technical solutions. Manages engineering documentation, including but not limited to: specifications, requirements, technical plans and reports, test plans, interface control documents, safety data packages, technology readiness level assessments, project metrics, and progress reports to management. May serve as a Principal Investigator for a specific research area. Interfaces with customers and provides consultation support to multiple projects or programs in area(s) of technical specialty. Works independently, but reports to manager.

Minimum Education and Training: Bachelor of Science (BS) degree in a related field from an accredited college or university. Proficiency in the use of standard word-processing, presentations, spreadsheets, databases, workflow, and/or other office automation tools. Expert training in and understanding of analytical engineering tools, techniques, and methodologies; and modeling/simulation tools.

Experience: Eighteen or more years related experience.

Substitutions: A Master of Science (MS) degree from an accredited college or university may be substituted for a BS degree and two years experience (i.e. MS + 16 years experience). A PhD from an accredited college or university may be substituted for a BS degree and five years experience (i.e. PhD + 13 years experience). Experience as a research engineer at the graduate level at an accredited college or university may be counted in the years of related experience.

Labor Category: Engineer 10 (Abbrev: Engr. 10)

Principal Duties and Responsibilities: Possesses broad engineering/analytical experience and knowledge in one or more major engineering specialty areas and provides managerial support to technical managers and other technical employees on specific projects. Provides the conceptual and/or detailed design, development, and/or implementation of technical solutions. Manages engineering documentation, including but not limited to: specifications, requirements, technical plans and reports, test plans, interface control documents, safety data packages, technology readiness level assessments, project metrics, and progress reports to management. May serve as a Principal Investigator for a specific research area. Interfaces with customers and provides consultation support to multiple projects or programs in area(s) of technical specialty. Works independently, but reports to a manager.

Minimum Education and Training: Bachelor of Science (BS) degree in a related field from an accredited college or university. Proficiency in the use of standard word-processing, presentations, spreadsheets, databases, workflow, and/or other office automation tools. Expert training in and understanding of analytical engineering tools, techniques, and methodologies; and modeling/simulation tools.

Experience: Twenty or more years related experience.

Substitutions: A Master of Science (MS) degree from an accredited college or university may be substituted for a BS degree and two years experience (i.e. MS + 18 years experience). A PhD from an accredited college or university may be substituted for a BS degree and five years experience (i.e. PhD + 15 years experience). Experience as a research engineer at the graduate level at an accredited college or university may be counted in the years of related experience.

(CUSTOMER INFORMATION: Continued)

Labor Category: Subject Matter Expert 1 (Abbrev: SME 1)

Principal Duties and Responsibilities: A leading professional authority in an engineering specialty area that provides professional leadership, continuity, and training within the area of specialization. Possesses broad and deep engineering/analytical experience and knowledge in one unique engineering specialty area. Provides the conceptual and/or detailed design, development, and/or implementation of highly complex technical solutions. May serve as a Principal Investigator for one or more research areas. Interfaces with customers and provides Subject Matter Expert (SME) consultation support to multiple projects, programs, and customer agencies in area(s) of technical specialty. Works independently, but reports to a manager.

Minimum Education and Training: Master's degree (MA, MS, MBA, etc.) in a related field from an accredited college or university. Proficiency in the use of standard word-processing, presentations, spreadsheets, databases, workflow, and/or other office automation tools. Expert training in and understanding of analytical engineering tools, techniques, and methodologies; and modeling/simulation tools. Industry recognized subject matter expertise in one or more disciplines.

Experience: Eighteen or more years related experience.

Substitutions: A PhD from an accredited college or university may be substituted for a MS degree and three years experience (i.e. PhD + 15 years experience). A Medical Doctor (MD) degree from an accredited college or university may be substituted for a Master's degree and four years experience (i.e. MD + 14 years experience). A Bachelor's degree from an accredited college or university with a professional certificate in the specialty area may be substituted for the Master's degree requirement (i.e. BS + Cert + 18 years total experience). Professional certifications include but are not limited to: Law Degree (JD), Professional Engineer (registered), ASQ Certified Reliability (CRE) or Quality Engineer (CQE), Certified Safety Professional (CSP), Certified Public Accountant (CPA), etc. Experience at the graduate level at an accredited college or university may be counted in the years of related experience.

Labor Category: Subject Matter Expert 2 (Abbrev: SME 2)

Principal Duties and Responsibilities: A leading professional authority in one or more broad engineering specialty areas that provides professional leadership, continuity, and training within the areas of specialization. Possesses broad and deep engineering/analytical experience and knowledge in one or more major engineering specialty areas. Provides the conceptual and/or detailed design, development, and/or implementation of highly complex technical solutions. May serve as a Principal Investigator for one or more research areas. Interfaces with customers and provides SME consultation support to multiple projects, programs, and customer agencies in area(s) of technical specialty. Works independently, but reports to a manager, or corporate executive.

Minimum Education and Training: Master's degree (MA, MS, MBA, etc.) in a related field from an accredited college or university. Proficiency in the use of standard word-processing, presentations, spreadsheets, databases, workflow, and/or other office automation tools. Expert training in and understanding of analytical engineering tools, techniques, and methodologies; and modeling and simulation packages. Industry recognized subject matter expertise in one or more technical disciplines.

Experience: Twenty-two or more years related experience.

Substitutions: A PhD from an accredited college or university may be substituted for a Master's degree and three years experience (i.e. PhD + 19 years experience). A Medical Doctor (MD) degree from an accredited college or university may be substituted for a Master's degree and four years experience (i.e. MD + 18 years experience). A Bachelor's degree from an accredited college or university with a professional certificate in the specialty area may be substituted for the Master's degree requirement (i.e. BS + Cert + 22 years total experience). Professional certifications include but are not limited to Law Degree (JD), Professional Engineer (registered), ASQ Certified Reliability (CRE) or Quality Engineer (CQE), Certified Safety Professional (CSP), Certified Public Accountant

(CUSTOMER INFORMATION: Continued)

(CPA), etc. Experience at the graduate level at an accredited college or university may be counted in the years of related experience.

Labor Category: Subject Matter Expert 3 (Abbrev: SME 3)

Principal Duties and Responsibilities: A leading professional authority in multiple engineering specialty areas that provides professional leadership, continuity, and training within the areas of specialization. Possesses broad and deep engineering/analytical experience and knowledge. Provides the conceptual and/or detailed design, development, and/or implementation of highly complex technical solutions. May serve as a Principal Investigator for one or more research areas. Interfaces with customers and provides SME consultation support to multiple projects, programs, and customer agencies in area(s) of technical specialty. Works independently, but reports to a manager or corporate executive.

Minimum Education and Training: Master's degree (MA, MS, MBA, etc.) in a related field from an accredited college or university. Proficiency in the use of standard word-processing, presentations, spreadsheets, databases, workflow, and/or other office automation tools. Expert training in and understanding of analytical engineering tools, techniques, and methodologies; and modeling/simulation tools. Industry recognized subject matter expertise in one or more disciplines.

Experience: Twenty-five or more years related experience.

Substitutions: A PhD from an accredited college or university may be substituted for a Master's degree and three years experience (i.e. PhD + 22 years experience). A Medical Doctor (MD) degree from an accredited college or university may be substituted for a Master's degree and four years experience (i.e. MD + 21 years experience). A Bachelor's degree from an accredited college or university with a professional certificate in the specialty area may be substituted for the Master's degree requirement (i.e. BS + Cert + 25 years total experience). Professional certifications include but are not limited to Law Degree (JD), Professional Engineer (registered), ASQ Certified Reliability (CRE) or Quality Engineer (CQE), Certified Safety Professional (CSP), Certified Public Accountant (CPA), etc. Experience at the graduate level at an accredited college or university may be counted in the years of related experience.

Labor Category: Manager 1 (Abbrev: Mgr 1)

Principal Duties and Responsibilities: Provides management support and/or oversight to a single project or small task order contract. Specific duties include, but are not limited to: planning, developing, maintaining project plans, budgets, and schedules; providing customer interfaces with the contracting officer and technical monitor; measuring project progress against established performance requirements and thresholds; managing personnel and other project resources; coordinating major milestone deliverables; reviewing the accuracy, timeliness, and quality of technical reports; monitoring subcontractor and consultant performance; performing risk management; assuring personnel safety; and other duties as assigned.

Minimum Education and Training: Bachelor's degree (BA or BS) in a related field from an accredited college or university. Proficiency in the use of standard word-processing, presentations, spreadsheets, databases, workflow, and/or other office automation tools.

Experience: Twelve or more years experience in engineering, or science.

Substitutions: A Master's degree from an accredited college or university may substitute for 2 years experience (i.e. MA/MS/MBA + 10 years experience).

Labor Category: Manager 2 (Abbrev: Mgr 2)

(CUSTOMER INFORMATION: Continued)

Principal Duties and Responsibilities: Provides management support and/or oversight to a single project, or multiple small projects or task order contracts. Specific duties include, but are not limited to: planning, developing, maintaining project plans, budgets, and schedules; providing customer interfaces with the contracting officer(s) and technical monitor(s); measuring project progress against established performance requirements and thresholds; managing personnel and other project resources; coordinating major milestone deliverables; reviewing the accuracy, timeliness, and quality of technical reports; monitoring subcontractor and consultant performance; performing risk management; assuring personnel safety, etc.

Minimum Education and Training: Bachelor's degree (BA or BS) in a related field from an accredited college or university. Proficiency in the use of standard word-processing, presentations, spreadsheets, databases, workflow, and/or other office automation tools.

Experience: Eighteen or more years experience overall, plus at least eight years in a supervisory role managing less experienced engineers, analysts, or technicians.

Substitutions: A Master's degree from an accredited college or university may substitute for 2 years overall experience (i.e. MA/MS/MBA + 16 years experience). A PhD from an accredited college or university may substitute for 5 years overall experience (i.e. PhD + 13 years experience).

Labor Category: Manager 3 (Abbrev: Mgr 3)

Principal Duties and Responsibilities: Provides management support and/or oversight to a single large prime contract, or multiple smaller, yet complex projects or task order contracts. Specific duties include, but are not limited to: planning, developing, maintaining project plans, budgets, and schedules; providing customer interfaces with the contracting officer(s) and technical monitor(s); measuring project progress against established performance requirements and thresholds; managing personnel and other project resources; coordinating major milestone deliverables; reviewing the accuracy, timeliness, and quality of technical reports; monitoring subcontractor and consultant performance; performing risk management; assuring personnel safety; etc.

Minimum Education and Training: Bachelor's degree (BA or BS) in a related field from an accredited college or university. Proficiency in the use of standard word-processing, presentations, spreadsheets, databases, workflow, and/or other office automation tools.

Experience: Twenty-two or more years overall experience, plus at least ten years managing engineers, analysts, or technicians.

Substitutions: A Master's degree from an accredited college or university may substitute for 2 years overall experience (i.e. MA/MS/MBA + 20 years experience). A PhD from an accredited college or university may substitute for 5 years overall experience (i.e. PhD + 17 years experience).